NAME OF WORK :-Drilling of borewells and providing water supply facilities to ward No 01,02,03 & 04.

EMB

NAME OF WORK :-Drilling of borewells and providing water supply facilities to ward No 01,02,03 & 04.

PRE-MEASUREMENT

"FIRST AND FINAL BILL"

NAME OF WORK :-Drilling of borewells and providing water supply facilities to ward No 01,02,03 & 04.

Detailed Measurements 29-03-2023

Measurement Recorded On: 17-05-2023

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
1	Geophysical investigation at site for sinking borewells for supplying drinking water to the habitation either through the Hand Pump MWS or P.W.S.S, by vertical electrical sounding by adopting Venner or Schlumbergers's method, including econnaissance survey of geological formation. Geophysical investigation of existing ground water in the vicinity, its quality, quantity and acceptability of the users, indicating the location of the site, recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 metre in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instruments and accessories to work site, engaging technical personal and labour required etc. NOTE: 1) Additional rate on item 1&2 is allowed for drilling in over burden and fixing Casing pipes beyond 20 M (for fixing Casing pipes only) a) Above 20 M and upto 30 M - 15%, b) Above 30 M - 30% (Measurement of overburden is restricted to the depth of casing pipe fixed excluding initial depth of 20M and projection above ground level). 2) A sum of Rs. 100/- is to be deducted for Dry Borewell towards yield test and as per the directions of the Engineer-in-charge of the work						
	For Bore Well						
1	Ambha Bhavani Nagara 2nd Main	1				1.00	
2	BHEL Layout 10th Cross	1				1.00	
3	Baglur Cross Udayanagar	1				1.00	
4	Kondappa Layout Lake Side	1				1.00	
5	Chowdeshwari Temple	1				1.00	
6	Srinivashpura[Bande Maramma Temple]	1				1.00	
7	Doddbettahalli Giridama Nagara Main Rd	1				1.00	
8	Doddbettahalli Layout 7th Main	1				1.00	
9	Old Town BBMP Office Near Panduranga Temple	1				1.00	
10	Ambha Bhavani Nagara 2nd Main 2nd Cross	1				1.00	
					Present Qty	10.00	Each BW

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬ.ಬ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Contractor

Assistant Engineer

Assistant Exec. Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
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2

NAME OF WORK :-Drilling of borewells and providing water supply facilities to ward No 01,02,03 & 04.

Detailed Measurements

Measurement Recorded On: 29-03-2023, 19-04-23, 24-06-23

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
2	Sinking of Borewell of 165mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burdern upto 20 m. Fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimumworking of compressor for one hour (Excluding cost of casing pipes,collars, cap etc., complete) and as per the directions of the Engineer-in-charge of the work 0-50mtrs						
	For Bore Well						
	Ambha Bhavani Nagara 2nd Main	1	50.00			50.00	
	BHEL Layout 10th Cross	1	50.00			50.00	
	Baglur Cross Udayanagar	1	50.00			50.00	
	Kondappa Layout Lake Side	1	50.00			50.00	
	Chowdeshwari Temple	1	50.00			50.00	
	Srinivashpura[Bande Maramma Temple]	1	50.00			50.00	
	Doddbettahalli Giridama Nagara Main Rd	1	50.00			50.00	
	Doddbettahalli Layout 7th Main	1	50.00			50.00	
	Old Town BBMP Office Near Panduranga Temple	1	50.00			50.00	
	Ambha Bhavani Nagara 2nd Main 2nd Cross	1	50.00			50.00	
					Present Qty	**500.00**	**M**
3	**50-100mtrs**						
	For Bore Well						
	Ambha Bhavani Nagara 2nd Main	1	50.00			50.00	
	BHEL Layout 10th Cross	1	50.00			50.00	
	Baglur Cross Udayanagar	1	50.00			50.00	
	Kondappa Layout Lake Side	1	50.00			50.00	
	Chowdeshwari Temple	1	50.00			50.00	
	Srinivashpura[Bande Maramma Temple]	1	50.00			50.00	
	Doddbettahalli Giridama Nagara Main Rd	1	50.00			50.00	
	Doddbettahalli Layout 7th Main	1	50.00			50.00	
	Old Town BBMP Office Near Panduranga Temple	1	50.00			50.00	
	Ambha Bhavani Nagara 2nd Main 2nd Cross	1	50.00			50.00	
					Present Qty	**500.00**	**M**
4	**100-150mtrs**						
	For Bore Well						
	Ambha Bhavani Nagara 2nd Main	1	50.00			50.00	
	BHEL Layout 10th Cross	1	50.00			50.00	
	Baglur Cross Udayanagar	1	50.00			50.00	
	Kondappa Layout Lake Side	1	50.00			50.00	
	Chowdeshwari Temple	1	50.00			50.00	
	Srinivashpura[Bande Maramma Temple]	1	50.00			50.00	
	Doddbettahalli Giridama Nagara Main Rd	1	50.00			50.00	
		1	50.00			50.00	

Asst. Executive Engineer, Sub. Division, Yelahanka (BBMP Ynk. Zn), Yelahanka, Bangalore

Contractor   Assistant Engineer   Assistant Exec. Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
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	Doddbettahalli Layout 7th Main	1	50.00			50.00	
	Old Town BBMP Office Near Panduranga Temple	1	50.00			50.00	
	Ambha Bhavani Nagara 2nd Main 2nd Cross	1	50.00			50.00	
					Present Qty	500.00	M
5	**150-200mtrs**						
	For Bore Well						
	Ambha Bhavani Nagara 2nd Main	1	50.00			50.00	
	BHEL Layout 10th Cross	1	50.00			50.00	
	Baglur Cross Udayanagar	1	50.00			50.00	
	Kondappa Layout Lake Side	1	50.00			50.00	
	Chowdeshwari Temple	1	50.00			50.00	
	Srinivashpura[Bande Maramma Temple]	1	50.00			50.00	
	Doddbettahalli Giridama Nagara Main Rd	1	50.00			50.00	
	Doddbettahalli Layout 7th Main	1	50.00			50.00	
	Old Town BBMP Office Near Panduranga Temple	1	50.00			50.00	
	Ambha Bhavani Nagara 2nd Main 2nd Cross	1	50.00			50.00	
					Present Qty	500.00	M
6	**200-250mtrs**						
	For Bore Well						
	Ambha Bhavani Nagara 2nd Main	1	50.00			50.00	
	BHEL Layout 10th Cross	1	50.00			50.00	
	Baglur Cross Udayanagar	1	50.00			50.00	
	Kondappa Layout Lake Side	1	50.00			50.00	
	Chowdeshwari Temple	1	50.00			50.00	
	Srinivashpura[Bande Maramma Temple]	1	50.00			50.00	
	Doddbettahalli Giridama Nagara Main Rd	1	50.00			50.00	
	Doddbettahalli Layout 7th Main	1	50.00			50.00	
	Old Town BBMP Office Near Panduranga Temple	1	50.00			50.00	
	Ambha Bhavani Nagara 2nd Main 2nd Cross	1	50.00			50.00	
					Present Qty	500.00	M
7	**250-300mtrs**						
	For Bore Well						
	Ambha Bhavani Nagara 2nd Main	1	50.00			50.00	
	BHEL Layout 10th Cross	1	50.00			50.00	
	Baglur Cross Udayanagar	1	50.00			50.00	
	Kondappa Layout Lake Side	1	50.00			50.00	
	Chowdeshwari Temple	1	50.00			50.00	
	Srinivashpura[Bande Maramma Temple]	1	50.00			50.00	
	Doddbettahalli Giridama Nagara Main Rd	1	50.00			50.00	
	Doddbettahalli Layout 7th Main	1	50.00			50.00	
	Old Town BBMP Office Near Panduranga Temple	1	50.00			50.00	
	Ambha Bhavani Nagara 2nd Main 2nd Cross	1	50.00			50.00	
8	**300-350mtrs**				Present Qty	500.00	M

Contractor

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Assistant Exec. Engineer

	For Bore Well						
	Ambha Bhavani Nagara 2nd Main	1	50.00			50.00	
	BHEL Layout 10th Cross	1	50.00			50.00	
	Baglur Cross Udayanagar	1	50.00			50.00	
	Kondappa Layout Lake Side	1	50.00			50.00	
	Chowdeshwari Temple	1	50.00			50.00	
	Srinivashpura[Bande Maramma Temple]	1	48.00			48.00	
	Doddbettahalli Giridama Nagara Main Rd	1	50.00			50.00	
	Doddbettahalli Layout 7th Main	1	50.00			50.00	
	Old Town BBMP Office Near Panduranga Temple	1	47.00			47.00	
	Ambha Bhavani Nagara 2nd Main 2nd Cross	1	50.00			50.00	
					Present Qty	**495.00**	**M**

Asst. Executive Engineer
Yelahanka Sub. Divisor
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

Assistant Engineer

Assistant Exec. Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು,
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ಬ.ಬ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

5

NAME OF WORK :-Drilling of borewells and providing water supply facilities to ward No 01,02,03 & 04.

Detailed Measurements

Measurement Recorded On: 29-03-23, 19-04-23, 24-06-23

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
9	Supply of ISI mark 175mm nominal bore,plain and steel casing pipe grade of steel Fe 410 of wall thickness conforming to IS 4270-2001 and latest ammendments, electrical resistance welded steel tubes, material and conforming to IS 1387-1993 and manufactured by basic open hearth electric or basic oxygen process in random length of 5-7m both ends.threaded conforming to IS 554-1985 one end fixed with socket conforming to IS 4270-2001 and the other end with screwed pipes all shall be responsibaly free from defects. The tubes shall be responsible straight end should be with ISI marking weighing 25.10kg/m. prices include Collar-Medium duty and as per the directions of the Engineer-in-charge of the work						
	For Bore Well						
	Ambha Bhavani Nagara 2nd Main	1	56.00			56.00	
	BHEL Layout 10th Cross	1	64.00			64.00	
	Baglur Cross Udayanagar	1	65.00			65.00	
	Kondappa Layout Lake Side	1	54.00			54.00	
	Chowdeshwari Temple	1	57.00			57.00	
	Srinivashpura[Bande Maramma Temple]	1	53.00			53.00	
	Doddbettahalli Giridama Nagara Main Rd	1	56.00			56.00	
	Doddbettahalli Layout 7th Main	1	53.00			53.00	
	Old Town BBMP Office Near Panduranga Temple	1	54.00			54.00	
	Ambha Bhavani Nagara 2nd Main 2nd Cross	1	56.00			56.00	
					Present Qty	568.00	Rmtr

Asst. Executive Engineer
Yelahanka Sub. Divisor
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

Assistant Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
Assistant Exec. Engineer
ಯಲಹಂಕ ಉಪವಿಭಾಗ
ಬೃ.ಬೆಂ.ಮ.ಪಾ. ಬೆಂಗಳೂರು-106

NAME OF WORK :-Drilling of borewells and providing water supply facilities to ward No 01,02,03 & 04.

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
10	PVC pipes of 10 Kg/cm2 for 200mm and as per the directions of the Engineer-in-charge of the work						
	For Bore Well						
	Ambha Bhavani Nagara 2nd Main	1	15.00			15.00	
	BHEL Layout 10th Cross	1	20.00			20.00	
	Baglur Cross Udayanagar	1	15.00			15.00	
	Kondappa Layout Lake Side	1	15.00			15.00	
	Chowdeshwari Temple	1	10.00			10.00	
	Srinivashpura[Bande Maramma Temple]	1	20.00			20.00	
	Doddbettahalli Giridama Nagara Main Rd	1	22.00			22.00	
	Doddbettahalli Layout 7th Main	1	15.00			15.00	
	Old Town BBMP Office Near Panduranga Temple	1	12.00			12.00	
	Ambha Bhavani Nagara 2nd Main 2nd Cross	1	10.00			10.00	
					Present Qty	**154.00**	**Rmtr**
					Upto 125%	**112.50**	**Rmtr**
					Above 125%	**41.50**	**Rmtr**

Ramanjaneiah

Asst. Executive Engineer
Yelahanka Sub. Divisor
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

Assistant Engineer

Assistant Exec. Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು,
ಯಲಹಂಕ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

NAME OF WORK :-Drilling of borewells and providing water supply facilities to ward No 01,02,03 & 04.

Detailed Measurements

Measurement Recorded On: 29-03-23, 19-04-23, 24-06-23

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
11	Providing and laying at site of work MS casing caps as per IS 1239 (partII) 1982 with all latest amendments if any for any dia. The thickness of plate used for covering one end shall be 3mm (minimum). The dimensions of caps and colars shall be strictly as per IS 1239 (Part-II) 1982 with all amendments including cost of material and labour charges for fixing, if any etc. complete with all lead and lifts and as directed by the Engineer in charge and as per the directions of the Engineer-in-charge of the work						
	For Bore Well						
	Ambha Bhavani Nagara 2nd Main	1	1.00			1.00	
	BHEL Layout 10th Cross	1	1.00			1.00	
	Baglur Cross Udayanagar	1	1.00			1.00	
	Kondappa Layout Lake Side	1	1.00			1.00	
	Chowdeshwari Temple	1	1.00			1.00	
	Srinivashpura[Bande Maramma Temple]	1	1.00			1.00	
	Doddbettahalli Giridama Nagara Main Rd	1	1.00			1.00	
	Doddbettahalli Layout 7th Main	1	1.00			1.00	
	Old Town BBMP Office Near Panduranga Temple	1	1.00			1.00	
	Ambha Bhavani Nagara 2nd Main 2nd Cross	1	1.00			1.00	
					Present Qty	**10.00**	**Each**

Ramanjaneya L

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

Assistant Engineer

Assistant Exec. Engineer
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
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ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

NAME OF WORK :-Drilling of borewells and providing water supply facilities to ward No 01,02,03 & 04.

Detailed Measurements

Measurement Recorded On: 26-04-23, 31-05-23, 24-06-23

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
12	Fabricating supplying and mounting MS box of 16 SWG suitable for floor /wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clA with necessary cable entry pipe with gland and box should be finished with 7tanks treatment with powder coated paint and finally finished with approved colour etc., complete and as per the directions of the Engineer-in-charge of the work						
	For Bore Well						
	Vasuki Layout[Sambram College]	1	1100.00	20.00		22000.00	
	BHEL Layout 10th Cross	1	1100.00	20.00		22000.00	
	Baglur Cross Udayanagar	1	1100.00	20.00		22000.00	
	Chowdeshwari Temple	1	1100.00	20.00		22000.00	
	Srinivashpura[Bande Maramma Temple]	1	1100.00	20.00		22000.00	
	Doddbettahalli Giridama Nagara Main Rd	1	1100.00	20.00		22000.00	
	Doddbettahalli Layout 7th Main	1	1100.00	20.00		22000.00	
	Old Town BBMP Office Near Panduranga Temple	1	1100.00	20.00		22000.00	
	Present Qty					**176000.00**	**Sq.cm**

Asst. Executive Engineer
Yelahanka Sub. Divisor
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

Assistant Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
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9

NAME OF WORK :-Drilling of borewells and providing water supply facilities to ward No 01,02,03 & 04.

Detailed Measurements

Measurement Recorded On: 26-04-23, 31-05-23, 24-06-23

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
13	Supply and delivery at site wrought middle steel (galvanized) 50 mm dia GI Union confirming to IS 1239-II, 1991 with latest amendments if any and as per the directions of the Engineer-in-charge of the work						
	For Bore Well						
	Vasuki Layout[Sambram College]	1				1.00	
	BHEL Layout 10th Cross	1				1.00	
	Baglur Cross Udayanagar	1				1.00	
	Chowdeshwari Temple	1				1.00	
	Srinivashpura[Bande Maramma Temple]	1				1.00	
	Doddbettahalli Giridama Nagara Main Rd	1				1.00	
	Doddbettahalli Layout 7th Main	1				1.00	
	Old Town BBMP Office Near Panduranga Temple	1				1.00	
					Present Qty	**8.00**	**Each**

Asst. Executive Engineer
Yelahanka Sub. Divisor
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

Assistant Engineer

Assistant Exec. Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

NAME OF WORK :-Drilling of borewells and providing water supply facilities to ward No 01,02,03 & 04.

Detailed Measurements

Measurement Recorded On: 26-04-23, 31-05-23, 24-06-23

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
14	Supply and delivery at site wrought middle steel (galvanized) 50 mm dia GI hexagonal nipple confirming to IS 1239-II, 1991 with latest amendments if any and as per the directions of the Engineer-in-charge of the work						
	For Bore Well						
	Vasuki Layout[Sambram College]	1	3.00			3.00	
	BHEL Layout 10th Cross	1	3.00			3.00	
	Baglur Cross Udayanagar	1	3.00			3.00	
	Chowdeshwari Temple	1	3.00			3.00	
	Srinivashpura[Bande Maramma Temple]	1	3.00			3.00	
	Doddbettahalli Giridama Nagara Main Rd	1	3.00			3.00	
	Doddbettahalli Layout 7th Main	1	3.00			3.00	
	Old Town BBMP Office Near Panduranga Temple	1	3.00			3.00	
					Present Qty	**24.00**	**Each**

Ramanjaneya Reddy

Asst. Executive Engineer
Yelshanka Sub. Divisor
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

Assistant Engineer

Assistant Exec. Engineer

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NAME OF WORK :-Drilling of borewells and providing water supply facilities to ward No 01,02,03 & 04.

Detailed Measurements

Measurement Recorded On: 26-04-23, 31-05-23, 24-06-23

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
15	Supply and delivery at site wrought middle steel (galvanized) 50 mm dia GI elbow confirming to IS 1239-II, 1991 with latest amendments if any for and as per the directions of the Engineer-in-charge of the work						
	For Bore Well						
	Vasuki Layout[Sambram College]	1	3.00			3.00	
	BHEL Layout 10th Cross	1	3.00			3.00	
	Baglur Cross Udayanagar	1	3.00			3.00	
	Chowdeshwari Temple	1	3.00			3.00	
	Srinivashpura[Bande Maramma Temple]	1	3.00			3.00	
	Doddbettahalli Giridama Nagara Main Rd	1	3.00			3.00	
	Doddbettahalli Layout 7th Main	1	3.00			3.00	
	Old Town BBMP Office Near Panduranga Temple	1	3.00			3.00	
					Present Qty	**24.00**	**Each**

Asst. Executive Engineer
Yelahanka Sub Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

Assistant Engineer

Assistant Exec. Engineer

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ಯಲಹಂಕ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು

NAME OF WORK :-Drilling of borewells and providing water supply facilities to ward No 01,02,03 & 04.

Detailed Measurements

Measurement Recorded On: 26-04-23, 31-05-23, 24-06-23

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
16	Labour charges for Erection, Electrification and commissioning of Pump sets, including aligning and balancing of all items including supply and erection of two pair of supporting clamps, bore well caps, cable clips and water tight gland cable protectors, bolts, nuts, valve and gauges,tools and equipments etc., involved in the job as per specifications, with necessary tests as per specifications, with testing of as per instructions and as per the directions of the Engineer-in-charge of the work						
	For Bore Well						
	Vasuki Layout[Sambram College]	1				1.00	
	BHEL Layout 10th Cross	1				1.00	
	Baglur Cross Udayanagar	1				1.00	
	Chowdeshwari Temple	1				1.00	
	Srinivashpura[Bande Maramma Temple]	1				1.00	
	Doddbettahalli Giridama Nagara Main Rd	1				1.00	
	Doddbettahalli Layout 7th Main	1				1.00	
	Old Town BBMP Office Near Panduranga Temple	1				1.00	
					Present Qty	**8.00**	**Job**

Ramaganjeevil

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

Assistant Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರ Assistant Exec. Engineer
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

NAME OF WORK :-Drilling of borewells and providing water supply facilities to ward No 01,02,03 & 04.

Detailed Measurements

Measurement Recorded On: 02-05-23, 31-05-23, 27-06-23

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
17	Labour charges for erection of outdoor type panel board and meter boardunits with all necessary materials and labour, tools and equipments including providing cement concrete foundation bed etc., complete as per specification, with testing of as per instructions and as per the directions of the Engineer-in-charge of the work						
	For Bore Well						
	Vasuki Layout[Sambram College]	1				1.00	
	BHEL Layout 10th Cross	1				1.00	
	Baglur Cross Udayanagar	1				1.00	
	Chowdeshwari Temple	1				1.00	
	Srinivashpura[Bande Maramma Temple]	1				1.00	
	Doddbettahalli Giridama Nagara Main Rd	1				1.00	
	Doddbettahalli Layout 7th Main	1				1.00	
	Old Town BBMP Office Near Panduranga Temple	1				1.00	
					Present Qty	8.00	Job

Ramanjaneya

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

Assistant Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು Asst. Exe. Engineer
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

NAME OF WORK :-Drilling of borewells and providing water supply facilities to ward No 01,02,03 & 04.

Detailed Measurements

Measurement Recorded On: 02-05-23, 31-05-23, 27-06-23

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
18	Supplying of 1.1KV LT UG cable XPLE or heat resistant PVC Insulated PVC eatruded inner sheath armoured UG LT cable as per IS -1554(Part-1) or IS-7098 Part-1,Armouring strip thickness in average +5% and resistivity 14ohms/kms(max) as per IS -3975 4 core 16sqmm and as per the directions of the Engineer-in-charge of the work						
	For Bore Well						
	Vasuki Layout[Sambram College]	1	37.00			37.00	
	BHEL Layout 10th Cross	1	35.00			35.00	
	Baglur Cross Udayanagar	1	40.00			40.00	
	Chowdeshwari Temple	1	40.00			40.00	
	Srinivashpura[Bande Maramma Temple]	1	42.00			42.00	
	Doddbettahalli Giridama Nagara Main Rd	1	55.00			55.00	
	Doddbettahalli Layout 7th Main	1	42.00			42.00	
	Old Town BBMP Office Near Panduranga Temple	1	42.00			42.00	
					Present Qty	333.00	Rmtr

Asst. Executive Engineer
Yelahanka Sub. Divisor
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

Assistant Engineer

ಸಹಾಯಕ Assistant Exec. Engineer
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

NAME OF WORK :-Drilling of borewells and providing water supply facilities to ward No 01,02,03 & 04.

Detailed Measurements

Measurement Recorded On: 02-05-23, 31-05-23, 27-06-23

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
19	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe/ stone pipe / on wall/ on pole as required 6 sqmm to 16 sqmm and as per the directions of the Engineer-in-charge of the work						
	For Bore Well						
	Vasuki Layout[Sambram College]	1	37.00			37.00	
	BHEL Layout 10th Cross	1	35.00			35.00	
	Baglur Cross Udayanagar	1	40.00			40.00	
	Chowdeshwari Temple	1	40.00			40.00	
	Srinivashpura[Bande Maramma Temple]	1	42.00			42.00	
	Doddbettahalli Giridama Nagara Main Rd	1	55.00			55.00	
	Doddbettahalli Layout 7th Main	1	42.00			42.00	
	Old Town BBMP Office Near Panduranga Temple	1	42.00			42.00	
					Present Qty	333.00	Rmtr

Asst. Executive Engineer
Yelahanka Sub. Divisor
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

Assistant Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು Asst. Exec. Engineer
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬ.ಬೆ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

16

NAME OF WORK :-Drilling of borewells and providing water supply facilities to ward No 01,02,03 & 04.

Detailed Measurements

Measurement Recorded On: 02-05-23, 31-05-23, 27-06-23

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
20	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete cutting road surfaces and as per the directions of the Engineer-in-charge of the work						
	For Bore Well						
	Vasuki Layout[Sambram College]	1	35.00			35.00	
	BHEL Layout 10th Cross	1	35.00			35.00	
	Baglur Cross Udayanagar	1	38.00			38.00	
	Chowdeshwari Temple	1	40.00			40.00	
	Srinivashpura[Bande Maramma Temple]	1	42.00			42.00	
	Doddbettahalli Giridama Nagara Main Rd	1	50.00			50.00	
	Doddbettahalli Layout 7th Main	1	42.00			42.00	
	Old Town BBMP Office Near Panduranga Temple	1	42.00			42.00	
					Present Qty	324.00	Mtr

Ramesanjeevial

Asst. Executive Engineer
Yelahanka Sub. Divisor
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

Assistant Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು Assistant Exec. Engineer
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-106

NAME OF WORK :-Drilling of borewells and providing water supply facilities to ward No 01,02,03 & 04.

Detailed Measurements

Measurement Recorded On: 02-05-23, 31-05-23, 27-06-23

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
21	Providing,Supplying and fixing suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps,bolts,nuts and washers etc. with necessary materials and labour tools and equipments as per instructions of engineer incharge of work. 3�x6 Sqm and as per the directions of the Engineer-in-charge of the work						
	For Bore Well						
	Vasuki Layout[Sambram College]	1	4.00			4.00	
	BHEL Layout 10th Cross	1	4.00			4.00	
	Baglur Cross Udayanagar	1	4.00			4.00	
	Chowdeshwari Temple	1	4.00			4.00	
	Srinivashpura[Bande Maramma Temple]	1	4.00			4.00	
	Doddbettahalli Giridama Nagara Main Rd	1	4.00			4.00	
	Doddbettahalli Layout 7th Main	1	4.00			4.00	
	Old Town BBMP Office Near Panduranga Temple	1	4.00			4.00	
					Present Qty	**32.00**	**Mtr**

Venkatesh. Ramasanjeevel

Asst. Executive Engineer
Yelahanka Sub. Divisor
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

Assistant Engineer

Assistant Executive Engineer
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

NAME OF WORK :-Drilling of borewells and providing water supply facilities to ward No 01,02,03 & 04.

Detailed Measurements

Measurement Recorded On: 02-05-23, 31-05-23, 27-06-23

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
22	Earthing: Supplying and fixing and wiring earth electrode for grounding circuits IC cutouts and other equipments on the meter board in the pit. The pits should be filled up with equal proportion of salt and charcoal 150mm around the pipe to complete depth. The connection from the pipe to the conduits etc. is to established through GI wire of sizes as per clause 7.3.3 of IS 732 using 12mm bolts, nuts, washers and check nuts, the pipe shall have 16 through holes of 12mm dia and as per the directions of the Engineer-in-charge of the work						
	For Bore Well						
	Vasuki Layout[Sambram College]	1				1.00	
	BHEL Layout 10th Cross	1				1.00	
	Baglur Cross Udayanagar	1				1.00	
	Chowdeshwari Temple	1				1.00	
	Srinivashpura[Bande Maramma Temple]	1				1.00	
	Doddbettahalli Giridama Nagara Main Rd	1				1.00	
	Doddbettahalli Layout 7th Main	1				1.00	
	Old Town BBMP Office Near Panduranga Temple	1				1.00	
					Present Qty	**8.00**	**Job**

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

Assistant Engineer

Assistant Exec. Engineer

19

NAME OF WORK :-Drilling of borewells and providing water supply facilities to ward No 01,02,03 & 04.

Detailed Measurements

Measurement Recorded On: 02-05-23, 31-05-23, 27-06-23

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
23	Providing,Supplying and fixing suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps,bolts,nuts and washers etc. with necessary materials and labour tools and equipments as per instructions of engineer incharge of work. 3�x6 Sqm and as per the directions of the Engineer-in-charge of the work						
	For Bore Well						
	Vasuki Layout[Sambram College]	1				1.00	
	BHEL Layout 10th Cross	1				1.00	
	Baglur Cross Udayanagar	1				1.00	
	Chowdeshwari Temple	1				1.00	
	Srinivashpura[Bande Maramma Temple]	1				1.00	
	Doddbettahalli Giridama Nagara Main Rd	1				1.00	
	Doddbettahalli Layout 7th Main	1				1.00	
	Old Town BBMP Office Near Panduranga Temple	1				1.00	
					Present Qty	**8.00**	**Each**

Asst. Executive Engineer
Yelahanka Sub. Divisor
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

Assistant Engineer

Assistant Exec. Engineer
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬೃ.ಬೆಂ.ಮ.ಪಾ. ಬೆಂಗಳೂರು-106

20

NAME OF WORK :-Drilling of borewells and providing water supply facilities to ward No 01,02,03 & 04.

Detailed Measurements

Measurement Recorded On: 02-05-23, 31-05-23, 27-06-23

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
24	Supply and fixing polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws 20" x 20" x 2.5" and as per the directions of the Engineer-in-charge of the work						
	For Bore Well						
	Vasuki Layout[Sambram College]	1				1.00	
	BHEL Layout 10th Cross	1				1.00	
	Baglur Cross Udayanagar	1				1.00	
	Chowdeshwari Temple	1				1.00	
	Srinivashpura[Bande Maramma Temple]	1				1.00	
	Doddbettahalli Giridama Nagara Main Rd	1				1.00	
	Doddbettahalli Layout 7th Main	1				1.00	
	Old Town BBMP Office Near Panduranga Temple	1				1.00	
					Present Qty	**8.00**	**Nos**

Asst. Executive Engineer
Yelahanka Sub Divisor
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

Assistant Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಇಂಜಿನಿಯರ್
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬೆಂಗಳೂರು-106

4

NAME OF WORK :-Drilling of borewells and providing water supply facilities to ward No 01,02,03 & 04.

Detailed Measurements

Measurement Recorded On: 02-05-23, 31-05-23, 27-06-23

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
25	Providing,supplying to work site, Submersible Pump Set of 150mm dia suitable for bore well and confirming to IS 8034-2000,3Phase, SS Bowl & Impeller with Low volt Motor as per specifications,as per necessary ammendments and instructions of engineer incharge of work. 17.50 HP - 120 LPM @ 308 m = 26 STG Outlet Dia - 2.00" and as per the directions of the Engineer-in-charge of the work						
	For Bore Well						
	Vasuki Layout[Sambram College]	1				1.00	
	BHEL Layout 10th Cross	1				1.00	
	Baglur Cross Udayanagar	1				1.00	
	Chowdeshwari Temple	1				1.00	
	Srinivashpura[Bande Maramma Temple]	1				1.00	
	Doddbettahalli Giridama Nagara Main Rd	1				1.00	
	Doddbettahalli Layout 7th Main	1				1.00	
	Old Town BBMP Office Near Panduranga Temple	1				1.00	
					Present Qty	**8.00**	**Each**

Ramesagoweraril

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

Assistant Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು / Asst. Exec. Engineer
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

22

NAME OF WORK :-Drilling of borewells and providing water supply facilities to ward No 01,02,03 & 04.

Detailed Measurements

Measurement Recorded On: 02-05-23, 31-05-23, 27-06-23

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
26	Supply and delivery of galvanized mild steel tubes of 6mtr standard length heavy duty (C Class) as per IS 1239 (Part-I) 1990 with latest amendments with ISI Mark (one end fitted with Heavy Duty collar and other end fitted with protective cover) and as per the directions of the Engineer-in-charge of the work						
	Vasuki Layout[Sambram College]	46				46.00	
	BHEL Layout 10th Cross	45				45.00	
	Baglur Cross Udayanagar	48				48.00	
	Srinivashpura[Bande Maramma Temple]	51				51.00	
	Doddbettahalli Giridama Nagara Main Rd	49				49.00	
	Doddbettahalli Layout 7th Main	55				55.00	
	Old Town BBMP Office Near Panduranga Temple	48				48.00	
					Present Qty	342.00	Each

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

Assistant Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು Assistant Exec. Engineer
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬ.ಬೆ.ಮ.ಪಾ. ಬೆಂಗಳೂರು-106

NAME OF WORK :-Drilling of borewells and providing water supply facilities to ward No 01,02,03 & 04.

Detailed Measurements

Measurement Recorded On: 02-05-23, 31-05-23, 27-06-23

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
27	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper with low resistance conductor confirming to13:8130-1984 and virgin grade PVC insulation and powder coating extruded PVC sheathed suitable for working voltage upto 1100 V as per IS-694:2010. 3C x 6 mm2 and as per the directions of the Engineer-in-charge of the work						
	Vasuki Layout[Sambram College]						
	CH: 0.00m to 30.00m	2	30.00			60.00	
	CH: 30.00m to 60.00m	2	30.00			60.00	
	CH: 60.00m to 90.00m	2	30.00			60.00	
	CH: 90.00m to 120.00m	2	30.00			60.00	
	CH: 120.00m to 150.00m	2	30.00			60.00	
	CH: 150.00m to 180.00m	2	30.00			60.00	
	CH: 180.00m to 210.00m	2	30.00			60.00	
	CH: 210.00m to 240.00m	2	30.00			60.00	
	CH: 240.00m to 270.00m	2	30.00			60.00	
	CH: 270.00m to 276.00m	2	6.00			12.00	
	BHEL Layout 10th Cross						
	CH: 0.00m to 30.00m	2	30.00			60.00	
	CH: 30.00m to 60.00m	2	30.00			60.00	
	CH: 60.00m to 90.00m	2	30.00			60.00	
	CH: 90.00m to 120.00m	2	30.00			60.00	
	CH: 120.00m to 150.00m	2	30.00			60.00	
	CH: 150.00m to 180.00m	2	30.00			60.00	
	CH: 180.00m to 210.00m	2	30.00			60.00	
	CH: 210.00m to 240.00m	2	30.00			60.00	
	CH: 240.00m to 270.00m	2	30.00			60.00	
	Baglur Cross Udayanagar						
	CH: 0.00m to 30.00m	2	30.00			60.00	
	CH: 30.00m to 60.00m	2	30.00			60.00	
	CH: 60.00m to 90.00m	2	30.00			60.00	
	CH: 90.00m to 120.00m	2	30.00			60.00	
	CH: 120.00m to 150.00m	2	30.00			60.00	
	CH: 150.00m to 180.00m	2	30.00			60.00	
	CH: 180.00m to 210.00m	2	30.00			60.00	
	CH: 210.00m to 240.00m	2	30.00			60.00	
	CH: 240.00m to 270.0m	2	30.00			60.00	
	CH: 240.00m to 288.00m	2	18.00			36.00	
	Chowdeshwari Temple Old Town						
	CH: 0.00m to 30.00m	2	30.00			60.00	
	CH: 30.00m to 60.00m	2	30.00			60.00	
	CH: 60.00m to 90.00m	2	30.00			60.00	
	CH: 90.00m to 120.00m	2	30.00			60.00	

Contractor

Assistant Engineer

Assistant Exec. Engineer

Asst. Executive Engineer
Yelahanka Sub. Divisor
(BBMP Ynk. Zn)

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	CH: 120.00m to 150.00m	2	30.00			60.00	
	CH: 150.00m to 180.00m	2	30.00			60.00	
	CH: 180.00m to 210.00m	2	30.00			60.00	
	CH: 210.00m to 240.00m	2	30.00			60.00	
	CH: 240.00m to 270.00m	2	30.00			60.00	
	CH: 270.00m to 300.00m	2	30.00			60.00	
	CH: 300.00m to 330.00m	2	30.00			60.00	
	CH: 330.00m to 360.00m	2	30.00			60.00	
	CH: 360.00m to 366.00m	2	6.00			12.00	
	Srinivashpura[Bande Maramma Temple]						
	CH: 0.00m to 30.00m	2	30.00			60.00	
	CH: 30.00m to 60.00m	2	30.00			60.00	
	CH: 60.00m to 90.00m	2	30.00			60.00	
	CH: 90.00m to 120.00m	2	30.00			60.00	
	CH: 120.00m to 150.00m	2	30.00			60.00	
	CH: 150.00m to 180.00m	2	30.00			60.00	
	CH: 180.00m to 210.00m	2	30.00			60.00	
	CH: 210.00m to 240.00m	2	30.00			60.00	
	CH: 240.00m to 270.00m	2	30.00			60.00	
	CH: 270.00m to 300.00m	2	30.00			60.00	
	CH: 300.00m to 306.00m	2	6.00			12.00	
	Doddbettahalli Giridama Nagara Main Rd						
	CH: 0.00m to 30.00m	2	30.00			60.00	
	CH: 30.00m to 60.00m	2	30.00			60.00	
	CH: 60.00m to 90.00m	2	30.00			60.00	
	CH: 90.00m to 120.00m	2	30.00			60.00	
	CH: 120.00m to 150.00m	2	30.00			60.00	
	CH: 150.00m to 180.00m	2	30.00			60.00	
	CH: 180.00m to 210.00m	2	30.00			60.00	
	CH: 210.00m to 240.00m	2	30.00			60.00	
	CH: 240.00m to 270.00m	2	30.00			60.00	
	CH: 270.00m to 294.00m	2	24.00			48.00	
	Doddbettahalli Layout 7th Main						
	CH: 0.00m to 30.00m	2	30.00			60.00	
	CH: 30.00m to 60.00m	2	30.00			60.00	
	CH: 60.00m to 90.00m	2	30.00			60.00	
	CH: 90.00m to 120.00m	2	30.00			60.00	
	CH: 120.00m to 150.00m	2	30.00			60.00	
	CH: 150.00m to 180.00m	2	30.00			60.00	
	CH: 180.00m to 210.00m	2	30.00			60.00	
	CH: 210.00m to 240.00m	2	30.00			60.00	
	CH: 240.00m to 270.00m	2	30.00			60.00	
	CH: 270.00m to 300.00m	2	30.00			60.00	
	CH: 300.00m to 330.00m	2	30.00			60.00	

Contractor

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore.

Assistant Exec. Engineer

25

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Old Town BBMP Office Near Panduranga Temple						
	CH: 0.00m to 30.00m	2	30.00			60.00	
	CH: 30.00m to 60.00m	2	30.00			60.00	
	CH: 60.00m to 90.00m	2	30.00			60.00	
	CH: 90.00m to 120.00m	2	30.00			60.00	
	CH: 120.00m to 150.00m	2	30.00			60.00	
	CH: 150.00m to 180.00m	2	30.00			60.00	
	CH: 180.00m to 210.00m	2	30.00			60.00	
	CH: 210.00m to 240.00m	2	30.00			60.00	
	CH: 240.00m to 270.00m	2	30.00			60.00	
	CH: 270.00m to 288.00m	2	18.00			36.00	
					Present Qty	**4836.00**	**Mtr**

Asst. Executive Engineer
Yelahanka Sub. Divisor
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

Assistant Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
Assistant Exec. Engineer
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.

NAME OF WORK :-Drilling of borewells and providing water supply facilities to ward No 01,02,03 & 04.

Detailed Measurements

Measurement Recorded On: 02-05-23, 31-05-23, 27-06-23

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
28	Supplying fully automatic star-delta starter unit push button type with suitable wires, 3 contactors, one adjustable thermal timer mounted on a common base plate held in steel enclosure for use on 400/440 V 3 phase and wired after fixing to the existing wooden board for motor Above 12.5 HP upto 25 HP and as per the directions of the Engineer-in-charge of the work						
	For Bore Well						
	Vasuki Layout[Sambram College]	1				1.00	
	BHEL Layout 10th Cross	1				1.00	
	Baglur Cross Udayanagar	1				1.00	
	Chowdeshwari Temple	1				1.00	
	Srinivashpura[Bande Maramma Temple]	1				1.00	
	Doddbettahalli Giridama Nagara Main Rd	1				1.00	
	Doddbettahalli Layout 7th Main	1				1.00	
	Old Town BBMP Office Near Panduranga Temple	1				1.00	
					Present Qty	**8.00**	**Nios**

Asst. Executive Engineer
Yelahanka Sub. Divisor
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

Assistant Engineer

Assistant Exec. Engineer
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NAME OF WORK :-Drilling of borewells and providing water supply facilities to ward No 01,02,03 & 04.

Detailed Measurements

Measurement Recorded On: 02-05-23, 31-05-23, 27-06-23

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
29	Supply and delivery at site of brand new best make gate valve as per IS 778/1984 with ISI Mark and as per its latest amendments Size 50 mm and as per the directions of the Engineer-in-charge of the work						
	For Bore Well						
	Vasuki Layout[Sambram College]	1				1.00	
	BHEL Layout 10th Cross	1				1.00	
	Baglur Cross Udayanagar	1				1.00	
	Chowdeshwari Temple	1				1.00	
	Srinivashpura[Bande Maramma Temple]	1				1.00	
	Doddbettahalli Giridama Nagara Main	1				1.00	
	Doddbettahalli Layout 7th Main	1				1.00	
	Old Town BBMP Office Near Panduranga Temple	1				1.00	
					Present Qty	**8.00**	**Each**

Asst. Executive Engineer
Yelahanka Sub. Divisor
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

Assistant Engineer

ಸಹಾಯಕ Assistant Exec. Engineer
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
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28

NAME OF WORK :-Drilling of borewells and providing water supply facilities to ward No 01,02,03 & 04.

Detailed Measurements

Measurement Recorded On: 02-05-23, 31-05-23, 27-06-23

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
30	Supply and delivery at site of brand new best make non-return valve as per IS 778/1984 with ISI Mark and as per its latest amendments Size 50 mm and as per the directions of the Engineer-in-charge of the work						
	For Bore Well						
	Vasuki Layout[Sambram College]	1				1.00	
	BHEL Layout 10th Cross	1				1.00	
	Baglur Cross Udayanagar	1				1.00	
	Chowdeshwari Temple	1				1.00	
	Srinivashpura[Bande Maramma Temple]	1				1.00	
	Doddbettahalli Giridama Nagara Main Rd	1				1.00	
	Doddbettahalli Layout 7th Main	1				1.00	
	Old Town BBMP Office Near Panduranga Temple	1				1.00	
						Present Qty	**8.00**	**Each**

Asst. Executive Engineer
Yelahanka Sub. Divisor
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

Assistant Engineer

Assistant Exec. Engineer
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29

NAME OF WORK :-Drilling of borewells and providing water supply facilities to ward No 01,02,03 & 04.

Detailed Measurements 11-07-2023

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
32	Earth work excavation for pipelines/cables by Manual means upto 600 mm trench width, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, including dressing of excavated surfaces, disposing off or leveling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m. Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering and lift upto 1.5 m including cost of labour, tools, usage& other appurtenances required to complete the work and as per the directions of the Engineer-in-charge of the work						
	Srinivaspura						
	Near Tejeshwari Temple						
	CH: 0.00m to 30.00m	1	30.00	0.60	0.65	11.70	
	CH: 30.00m to 60.00m	1	30.00	0.60	0.65	11.70	
	CH: 60.00m to 90.00m	1	30.00	0.60	0.65	11.70	
	CH: 90.00m to 120.00m	1	30.00	0.60	0.65	11.70	
	CH: 120.00m to 150.00m	1	30.00	0.60	0.65	11.70	
	CH: 150.00m to 161.00m	1	11.00	0.60	0.65	4.29	
	Srinivaspura						
	[Bande Maramma Temple Rd]						
	CH: 0.00m to 30.00m	1	30.00	0.70	0.75	15.75	
	CH: 30.00m to 60.00m	1	30.00	0.70	0.75	15.75	
	CH: 60.00m to 90.00m	1	30.00	0.70	0.75	15.75	
	CH: 90.00m to 120.00m	1	30.00	0.70	0.75	15.75	
	CH: 120.00m to 150.00m	1	30.00	0.70	0.75	15.75	
	CH: 150.00m to 180.00m	1	30.00	0.70	0.75	15.75	
	CH: 180.00m to 210.00m	1	30.00	0.70	0.75	15.75	
	CH: 210.00m to 240.00m	1	30.00	0.70	0.75	15.75	
	CH: 240.00m to 270.00m	1	30.00	0.70	0.75	15.75	
	CH: 270.00m to 300.00m	1	30.00	0.70	0.75	15.75	
	CH: 300.00m to 330.00m	1	30.00	0.70	0.75	15.75	
	CH: 330.00m to 360.00m	1	30.00	0.70	0.75	15.75	
	CH: 360.00m to 390.00m	1	30.00	0.70	0.75	15.75	
	CH: 390.00m to 420.00m	1	30.00	0.70	0.75	15.75	
	CH: 420.00m to 450.00m	1	30.00	0.70	0.75	15.75	
	CH: 450.00m to 480.00m	1	30.00	0.70	0.75	15.75	
	CH: 480.00m to 504.00m	1	24.00	0.70	0.75	12.60	
	Cross Rd						
	CH: 0.00m to 30.00m	1	30.00	0.60	0.65	11.70	
	CH: 30.00m to 60.00m	1	30.00	0.60	0.65	11.70	
	CH: 60.00m to 90.00m	1	30.00	0.60	0.65	11.70	
	CH: 90.00m to 103.30m	1	13.30	0.60	0.65	5.19	
	Connecting						
	CH: 0.00m to 22.50m	1	22.50	0.70	0.75	11.81	

Contractor

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Dn.
Assistant Exec. Engineer
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Right Side Roads						
Road-1						
CH: 0.00m to 26.30m	1	26.30	0.70	0.75	13.81	
Road-2						
CH: 0.00m to 26.50m	1	26.50	0.70	0.75	13.91	
Road-3						
CH: 0.00m to 26.30m	1	26.30	0.70	0.75	13.81	
Road-4						
CH: 0.00m to 27.00m	1	27.00	0.70	0.75	14.18	
Left Side Roads						
Road-1						
CH: 0.00m to 30.00m	1	30.00	0.60	0.65	11.70	
CH: 30.00m to 41.00m	1	11.00	0.60	0.65	4.29	
Road-2						
CH: 0.00m to 30.00m	1	30.00	0.70	0.75	15.75	
CH: 30.00m to 38.70m	1	8.70	0.70	0.75	4.57	
Road-3						
CH: 0.00m to 30.00m	1	30.00	0.80	0.80	19.20	
CH: 30.00m to 35.40m	1	5.40	0.80	0.80	3.46	
Road-4						
CH: 0.00m to 30.00m	1	30.00	0.60	0.65	11.70	
CH: 30.00m to 35.30m	1	5.30	0.60	0.65	2.07	
Baglur Cross Udayanagar						
4th Cross Rd						
CH: 0.00m to 30.00m	1	30.00	0.80	0.85	20.40	
CH: 30.00m to 38.00m	1	8.00	0.80	0.85	5.44	
Chowdeshwari Temple						
Inside Temple						
CH: 0.00m to 19.60m	1	19.60	0.60	0.70	8.23	
CH: 0.00m to 5.10m	1	5.10	0.60	0.70	2.14	
CH: 0.00m to 5.60m	1	5.60	0.60	0.70	2.35	
CH: 0.00m to 3.50m	1	3.50	0.60	0.70	1.47	
CH: 0.00m to 3.50m	1	3.50	0.60	0.70	1.47	
CH: 0.00m to 25.00m	1	25.00	0.60	0.70	10.50	
CH: 0.00m to 7.50m	1	7.50	0.60	0.70	3.15	
CH: 0.00m to 6.80m	1	6.80	0.60	0.70	2.86	
Temple Left Side Rd						
CH: 0.00m to 30.00m	1	30.00	0.70	0.75	15.75	
CH: 30.00m to 41.00m	1	11.00	0.70	0.75	5.78	
Chowdeshwari						
5th A Main Rd						
CH: 0.00m to 30.00m	1	30.00	0.65	0.70	13.65	
CH: 30.00m to 60.00m	1	30.00	0.65	0.70	13.65	
CH: 60.00m to 90.00m	1	30.00	0.65	0.70	13.65	
CH: 90.00m to 120.00m	1	30.00	0.65	0.70	13.65	
CH: 120.00m to 150.00m	1	30.00	0.65	0.70	13.65	
CH: 150.00m to 160.00m	1	10.00	0.65	0.70	4.55	
5th Main Rd						
CH: 0.00m to 30.00m	1	30.00	0.60	0.60	10.80	
CH: 0.00m to 28.00m	1	28.00	0.60	0.60	10.08	

Contractor

Assistant Engineer

Asst. Executive Engineer

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Connecting						
CH: 0.00m to 10.00m	1	10.00	0.60	0.65	3.90	
4th A Main Rd						
CH: 0.00m to 30.00m	1	30.00	0.80	0.85	20.40	
CH: 30.00m to 60.00m	1	30.00	0.80	0.85	20.40	
CH: 60.00m to 90.00m	1	30.00	0.80	0.85	20.40	
CH: 90.00m to 120.00m	1	30.00	0.80	0.85	20.40	
CH: 120.00m to 150.00m	1	30.00	0.80	0.85	20.40	
CH: 150.00m to 160.00m	1	10.00	0.80	0.85	6.80	
Cross Rd-1						
CH: 0.00m to 30.00m	1	30.00	0.60	0.65	11.70	
CH: 30.00m to 60.00m	1	30.00	0.60	0.65	11.70	
CH: 60.00m to 90.00m	1	30.00	0.60	0.65	11.70	
CH: 90.00m to 120.00m	1	30.00	0.60	0.65	11.70	
Doddbettahalli						
Doddbettahalli Layout 7th Main						
CH: 0.00m to 8.50m	1	8.50	0.80	0.85	5.78	
CH: 8.50m to 38.50m	1	30.00	0.80	0.85	20.40	
3rd Cross Rd						
CH: 0.00m to 30.00m	1	30.00	0.80	0.85	20.40	
CH: 30.00m to 60.00m	1	30.00	0.80	0.85	20.40	
CH: 60.00m to 80.00m	1	20.00	0.80	0.85	13.60	
Road-1						
CH: 0.00m to 30.00m	1	30.00	0.70	0.75	15.75	
Connecting Rd						
CH: 0.00m to 30.00m	1	30.00	0.70	0.75	15.75	
CH: 30.00m to 60.00m	1	30.00	0.70	0.75	15.75	
CH: 60.00m to 85.00m	1	25.00	0.70	0.75	13.13	
2nd Cross Rd						
CH: 0.00m to 30.00m	1	30.00	0.80	0.85	20.40	
CH: 30.00m to 45.00m	1	15.00	0.80	0.85	10.20	
1st Cross Rd						
CH: 0.00m to 30.00m	1	30.00	0.70	0.75	15.75	
CH: 30.00m to 40.00m	1	10.00	0.70	0.75	5.25	
Doddbettahalli Giridama Nagara Main Rd						
CH: 0.00m to 30.00m	1	30.00	0.75	0.80	18.00	
CH: 30.00m to 60.00m	1	30.00	0.75	0.80	18.00	
CH: 60.00m to 90.00m	1	30.00	0.75	0.80	18.00	
CH: 90.00m to 120.00m	1	30.00	0.75	0.80	18.00	
CH: 120.00m to 150.00m	1	30.00	0.75	0.80	18.00	
CH: 150.00m to 175.00m	1	25.00	0.75	0.80	15.00	
Connecting						
CH: 0.00m to 7.00m	1	7.00	0.70	0.80	3.92	
BHEL Layout[10th Cross]						
1st Main Rd						
CH: 0.00m to 30.00m	1	30.00	0.70	0.75	15.75	
CH: 30.00m to 60.00m	1	30.00	0.70	0.75	15.75	
CH: 60.00m to 90.00m	1	30.00	0.70	0.75	15.75	
CH: 90.00m to 105.00m	1	15.00	0.70	0.75	7.88	
2nd Main Road						

ntractor

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Di...
Assistant Exec. Engineer
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CH: 0.00m to 30.00m	1	30.00	0.75	0.80	18.00	
CH: 30.00m to 60.00m	1	30.00	0.75	0.80	18.00	
CH: 60.00m to 90.00m	1	30.00	0.75	0.80	18.00	
CH: 90.00m to 120.00m	1	30.00	0.75	0.80	18.00	
CH: 120.00m to 150.00m	1	30.00	0.75	0.80	18.00	
CH: 150.00m to 175.00m	1	25.00	0.75	0.80	15.00	
Left Side Roads						
1st Cross Road						
CH: 0.00m to 26.10m	1	26.10	0.70	0.75	13.70	
2nd Cross Road						
CH: 0.00m to 18.50m	1	18.50	0.70	0.75	9.71	
Right Side Roads						
2nd Cross Road						
CH: 0.00m to 30.00m	1	30.00	0.80	0.85	20.40	
CH: 30.00m to 55.00m	1	25.00	0.80	0.85	17.00	
3rd Cross Road						
CH: 0.00m to 30.00m	1	30.00	0.70	0.75	15.75	
CH: 30.00m to 47.00m	1	17.00	0.70	0.75	8.93	
4th Cross Road						
CH: 0.00m to 30.00m	1	30.00	0.70	0.75	15.75	
CH: 30.00m to 48.00m	1	18.00	0.70	0.75	9.45	
5th Cross Road						
CH: 0.00m to 30.00m	1	30.00	0.70	0.70	14.70	
CH: 30.00m to 36.00m	1	6.00	0.70	0.65	2.73	
Vasukhi Layout						
1st Main Rd						
CH: 0.00m to 30.00m	1	30.00	0.75	0.80	18.00	
CH: 30.00m to 60.00m	1	30.00	0.75	0.80	18.00	
CH: 60.00m to 90.00m	1	30.00	0.75	0.80	18.00	
CH: 90.00m to 115.00m	1	25.00	0.75	0.80	15.00	
1st Cross Road						
CH: 0.00m to 30.00m	1	30.00	0.60	0.65	11.70	
CH: 30.00m to 39.00m	1	9.00	0.60	0.65	3.51	
2nd Cross Road						
CH: 0.00m to 30.00m	1	30.00	0.60	0.65	11.70	
CH: 30.00m to 35.00m	1	5.00	0.60	0.65	1.95	
				Present Qty	**1528.22**	**Cum**

Asst. Executive Engineer
Yelahanka Sub. Divisor
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

Assistant Engineer

Assistant Exec. Engineer

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NAME OF WORK :-Drilling of borewells and providing water supply facilities to ward No 01,02,03 & 04.

Detailed Measurements 12-07-23

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
33	Providing and installing at site of work 6 Kg/m2: 63mm(weight of pipe -0.662 kg) P.V.C. pipes including cost of pipes and specials and labour, including lowering into trenches, laying true to line, level and perfect linking at joints leak proof including jointing of approved type with all labour charges and all lift charges, handling charges including encasing the pipe around to a depth not less than 15 cms with gravel or selected earth available from the excavation etc. complete and as per the directions of the Engineer-in-						
	Srinivaspura						
	Near Tejeshwari Temple						
	CH: 0.00m to 30.00m	1	30.00			30.00	
	CH: 30.00m to 60.00m	1	30.00			30.00	
	CH: 60.00m to 90.00m	1	30.00			30.00	
	CH: 90.00m to 120.00m	1	30.00			30.00	
	CH: 120.00m to 150.00m	1	30.00			30.00	
	CH: 150.00m to 161.00m	1	11.00			11.00	
	Srinivaspura						
	[Bande Maramma Temple Rd]						
	CH: 0.00m to 30.00m	1	30.00			30.00	
	CH: 30.00m to 60.00m	1	30.00			30.00	
	CH: 60.00m to 90.00m	1	30.00			30.00	
	CH: 90.00m to 120.00m	1	30.00			30.00	
	CH: 120.00m to 150.00m	1	30.00			30.00	
	CH: 150.00m to 180.00m	1	30.00			30.00	
	CH: 180.00m to 210.00m	1	30.00			30.00	
	CH: 210.00m to 240.00m	1	30.00			30.00	
	CH: 240.00m to 270.00m	1	30.00			30.00	
	CH: 270.00m to 300.00m	1	30.00			30.00	
	CH: 300.00m to 330.00m	1	30.00			30.00	
	CH: 330.00m to 360.00m	1	30.00			30.00	
	CH: 360.00m to 390.00m	1	30.00			30.00	
	CH: 390.00m to 420.00m	1	30.00			30.00	
	CH: 420.00m to 450.00m	1	30.00			30.00	
	CH: 450.00m to 480.00m	1	30.00			30.00	
	CH: 480.00m to 504.00m	1	24.00			24.00	
	Cross Rd						
	CH: 0.00m to 30.00m	1	30.00			30.00	
	CH: 30.00m to 60.00m	1	30.00			30.00	
	CH: 60.00m to 90.00m	1	30.00			30.00	
	CH: 90.00m to 103.30m	1	13.30			13.30	
	Connecting						
	CH: 0.00m to 22.50m	1	22.50			22.50	
	Right Side Roads						
	Road-1						

Contractor

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Division
BBMP
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Assistant Exec. Engineer
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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	CH: 0.00m to 26.30m	1	26.30			26.30	
	Road-2						
	CH: 0.00m to 26.50m	1	26.50			26.50	
	Road-3						
	CH: 0.00m to 26.30m	1	26.30			26.30	
	Road-4						
	CH: 0.00m to 27.00m	1	27.00			27.00	
	Left Side Roads						
	Road-1						
	CH: 0.00m to 30.00m	1	30.00			30.00	
	CH: 30.00m to 41.00m	1	11.00			11.00	
	Road-2						
	CH: 0.00m to 30.00m	1	30.00			30.00	
	CH: 30.00m to 38.70m	1	8.70			8.70	
	Road-3						
	CH: 0.00m to 30.00m	1	30.00			30.00	
	CH: 30.00m to 35.40m	1	5.40			5.40	
	Road-4						
	CH: 0.00m to 30.00m	1	30.00			30.00	
	CH: 30.00m to 35.30m	1	5.30			5.30	
	Baglur Cross Udayanagar						
	4th Cross Rd						
	CH: 0.00m to 30.00m	1	30.00			30.00	
	CH: 30.00m to 38.00m	1	8.00			8.00	
	Chowdeshwari Temple						
	Inside Temple						
	CH: 0.00m to 19.60m	1	19.60			19.60	
	CH: 0.00m to 5.10m	1	5.10			5.10	
	CH: 0.00m to 5.60m	1	5.60			5.60	
	CH: 0.00m to 3.50m	1	3.50			3.50	
	CH: 0.00m to 3.50m	1	3.50			3.50	
	CH: 0.00m to 25.00m	1	25.00			25.00	
	CH: 0.00m to 7.50m	1	7.50			7.50	
	CH: 0.00m to 6.80m	1	6.80			6.80	
	Temple Left Side Rd						
	CH: 0.00m to 30.00m	1	30.00			30.00	
	CH: 30.00m to 41.00m	1	11.00			11.00	
	Chowdeshwari						
	5th A Main Rd						
	CH: 0.00m to 30.00m	1	30.00			30.00	
	CH: 30.00m to 60.00m	1	30.00			30.00	
	CH: 60.00m to 90.00m	1	30.00			30.00	
	CH: 90.00m to 120.00m	1	30.00			30.00	
	CH: 120.00m to 150.00m	1	30.00			30.00	
	CH: 150.00m to 160.00m	1	10.00			10.00	
	5th Main Rd						
	CH: 0.00m to 30.00m	1	30.00			30.00	
	CH: 0.00m to 28.00m	1	28.00			28.00	

Contractor

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. D

Assistant Exec Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Connecting						
	CH: 0.00m to 10.00m	1	10.00			10.00	
	4th A Main Rd						
	CH: 0.00m to 30.00m	1	30.00			30.00	
	CH: 30.00m to 60.00m	1	30.00			30.00	
	CH: 60.00m to 90.00m	1	30.00			30.00	
	CH: 90.00m to 120.00m	1	30.00			30.00	
	CH: 120.00m to 150.00m	1	30.00			30.00	
	CH: 150.00m to 160.00m	1	10.00			10.00	
	Cross Rd-1						
	CH: 0.00m to 30.00m	1	30.00			30.00	
	CH: 30.00m to 60.00m	1	30.00			30.00	
	CH: 60.00m to 90.00m	1	30.00			30.00	
	CH: 90.00m to 120.00m	1	30.00			30.00	
	Doddbettahalli						
	Doddbettahalli Layout 7th Main						
	CH: 0.00m to 8.50m	1	8.50			8.50	
	CH: 8.50m to 38.50m	1	30.00			30.00	
	3rd Cross Rd						
	CH: 0.00m to 30.00m	1	30.00			30.00	
	CH: 30.00m to 60.00m	1	30.00			30.00	
	CH: 60.00m to 80.00m	1	20.00			20.00	
	Road-1						
	CH: 0.00m to 30.00m	1	30.00			30.00	
	Connecting Rd						
	CH: 0.00m to 30.00m	1	30.00			30.00	
	CH: 30.00m to 60.00m	1	30.00			30.00	
	CH: 60.00m to 85.00m	1	25.00			25.00	
	2nd Cross Rd						
	CH: 0.00m to 30.00m	1	30.00			30.00	
	CH: 30.00m to 45.00m	1	15.00			15.00	
	1st Cross Rd						
	CH: 0.00m to 30.00m	1	30.00			30.00	
	CH: 30.00m to 40.00m	1	10.00			10.00	
	Doddbettahalli Giridama Nagara Main Rd						
	CH: 0.00m to 30.00m	1	30.00			30.00	
	CH: 30.00m to 60.00m	1	30.00			30.00	
	CH: 60.00m to 90.00m	1	30.00			30.00	
	CH: 90.00m to 120.00m	1	30.00			30.00	
	CH: 120.00m to 150.00m	1	30.00			30.00	
	CH: 150.00m to 175.00m	1	25.00			25.00	
	Connecting						
	CH: 0.00m to 7.00m	1	7.00			7.00	
	BHEL Layout[10th Cross]						
	1st Main Rd						
	CH: 0.00m to 30.00m	1	30.00			30.00	
	CH: 30.00m to 60.00m	1	30.00			30.00	
	CH: 60.00m to 90.00m	1	30.00			30.00	

Contractor

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub ...

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	CH: 90.00m to 105.00m	1	15.00			15.00	
	2nd Main Road						
	CH: 0.00m to 30.00m	1	30.00			30.00	
	CH: 30.00m to 60.00m	1	30.00			30.00	
	CH: 60.00m to 90.00m	1	30.00			30.00	
	CH: 90.00m to 120.00m	1	30.00			30.00	
	CH: 120.00m to 150.00m	1	30.00			30.00	
	CH: 150.00m to 175.00m	1	25.00			25.00	
	Left Side Roads						
	1st Cross Road						
	CH: 0.00m to 26.10m	1	26.10			26.10	
	2nd Cross Road						
	CH: 0.00m to 18.50m	1	18.50			18.50	
	Right Side Roads						
	2nd Cross Road						
	CH: 0.00m to 30.00m	1	30.00			30.00	
	CH: 30.00m to 55.00m	1	25.00			25.00	
	3rd Cross Road						
	CH: 0.00m to 30.00m	1	30.00			30.00	
	CH: 30.00m to 47.00m	1	17.00			17.00	
	4th Cross Road						
	CH: 0.00m to 30.00m	1	30.00			30.00	
	CH: 30.00m to 48.00m	1	18.00			18.00	
	5th Cross Road						
	CH: 0.00m to 30.00m	1	30.00			30.00	
	CH: 30.00m to 36.00m	1	6.00			6.00	
	Vasukhi Layout						
	1st Main Rd						
	CH: 0.00m to 30.00m	1	30.00			30.00	
	CH: 30.00m to 60.00m	1	30.00			30.00	
	CH: 60.00m to 90.00m	1	30.00			30.00	
	CH: 90.00m to 115.00m	1	25.00			25.00	
	1st Cross Road						
	CH: 0.00m to 30.00m	1	30.00			30.00	
	CH: 30.00m to 39.00m	1	9.00			9.00	
	2nd Cross Road						
	CH: 0.00m to 30.00m	1	30.00			30.00	
	CH: 30.00m to 35.00m	1	5.00			5.00	
					Present Qty	**2911.00**	**Mtr**

Asst. Executive Engineer
Yelahanka Sub. Divisor
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

Assistant Engineer

Assistant Exec. Engineer

NAME OF WORK :-Drilling of borewells and providing water supply facilities to ward No 01,02,03 & 04.

Detailed Measurements 12-07-23

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
34	Refilling available earth around trenches/pipelines, cables in layers not exceeding 20 cms in depth, compacting each deposited layer by ramming after watering with a lead upto 50 m , and lift upto 1.5 m Including cost of all labour complete as per specifications and as per the directions of the Engineer-in-charge of the work						
	Srinivaspura						
	Near Tejeshwari Temple						
	CH: 0.00m to 30.00m	1	30.00	0.60	0.65	11.70	
	CH: 30.00m to 60.00m	1	30.00	0.60	0.65	11.70	
	CH: 60.00m to 90.00m	1	30.00	0.60	0.65	11.70	
	CH: 90.00m to 120.00m	1	30.00	0.60	0.65	11.70	
	CH: 120.00m to 150.00m	1	30.00	0.60	0.65	11.70	
	CH: 150.00m to 161.00m	1	11.00	0.60	0.65	4.29	
	Srinivaspura						
	[Bande Maramma Temple Rd]						
	CH: 0.00m to 30.00m	1	30.00	0.70	0.75	15.75	
	CH: 30.00m to 60.00m	1	30.00	0.70	0.75	15.75	
	CH: 60.00m to 90.00m	1	30.00	0.70	0.75	15.75	
	CH: 90.00m to 120.00m	1	30.00	0.70	0.75	15.75	
	CH: 120.00m to 150.00m	1	30.00	0.70	0.75	15.75	
	CH: 150.00m to 180.00m	1	30.00	0.70	0.75	15.75	
	CH: 180.00m to 210.00m	1	30.00	0.70	0.75	15.75	
	CH: 210.00m to 240.00m	1	30.00	0.70	0.75	15.75	
	CH: 240.00m to 270.00m	1	30.00	0.70	0.75	15.75	
	CH: 270.00m to 300.00m	1	30.00	0.70	0.75	15.75	
	CH: 300.00m to 330.00m	1	30.00	0.70	0.75	15.75	
	CH: 330.00m to 360.00m	1	30.00	0.70	0.75	15.75	
	CH: 360.00m to 390.00m	1	30.00	0.70	0.75	15.75	
	CH: 390.00m to 420.00m	1	30.00	0.70	0.75	15.75	
	CH: 420.00m to 450.00m	1	30.00	0.70	0.75	15.75	
	CH: 450.00m to 480.00m	1	30.00	0.70	0.75	15.75	
	CH: 480.00m to 504.00m	1	24.00	0.70	0.75	12.60	
	Cross Rd						
	CH: 0.00m to 30.00m	1	30.00	0.60	0.65	11.70	
	CH: 30.00m to 60.00m	1	30.00	0.60	0.65	11.70	
	CH: 60.00m to 90.00m	1	30.00	0.60	0.65	11.70	
	CH: 90.00m to 103.30m	1	13.30	0.60	0.65	5.19	
	Connecting						
	CH: 0.00m to 22.50m	1	22.50	0.70	0.75	11.81	
	Right Side Roads						
	Road-1						
	CH: 0.00m to 26.30m	1	26.30	0.70	0.75	13.81	
	Road-2						

Contractor

Assistant Engineer

Asst. Executive Engineer
Yalahanka Sub.

Assistant Exec. Engineer

38

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	CH: 0.00m to 26.50m	1	26.50	0.70	0.75	13.91	
	Road-3						
	CH: 0.00m to 26.30m	1	26.30	0.70	0.75	13.81	
	Road-4						
	CH: 0.00m to 27.00m	1	27.00	0.70	0.75	14.18	
	Left Side Roads						
	Road-1						
	CH: 0.00m to 30.00m	1	30.00	0.60	0.65	11.70	
	CH: 30.00m to 41.00m	1	11.00	0.60	0.65	4.29	
	Road-2						
	CH: 0.00m to 30.00m	1	30.00	0.70	0.75	15.75	
	CH: 30.00m to 38.70m	1	8.70	0.70	0.75	4.57	
	Road-3						
	CH: 0.00m to 30.00m	1	30.00	0.80	0.80	19.20	
	CH: 30.00m to 35.40m	1	5.40	0.80	0.80	3.46	
	Road-4						
	CH: 0.00m to 30.00m	1	30.00	0.60	0.65	11.70	
	CH: 30.00m to 35.30m	1	5.30	0.60	0.65	2.07	
	Baglur Cross Udayanagar						
	4th Cross Rd						
	CH: 0.00m to 30.00m	1	30.00	0.80	0.85	20.40	
	CH: 30.00m to 38.00m	1	8.00	0.80	0.85	5.44	
	Chowdeshwari Temple						
	Inside Temple						
	CH: 0.00m to 19.60m	1	19.60	0.60	0.70	8.23	
	CH: 0.00m to 5.10m	1	5.10	0.60	0.70	2.14	
	CH: 0.00m to 5.60m	1	5.60	0.60	0.70	2.35	
	CH: 0.00m to 3.50m	1	3.50	0.60	0.70	1.47	
	CH: 0.00m to 3.50m	1	3.50	0.60	0.70	1.47	
	CH: 0.00m to 25.00m	1	25.00	0.60	0.70	10.50	
	CH: 0.00m to 7.50m	1	7.50	0.60	0.70	3.15	
	CH: 0.00m to 6.80m	1	6.80	0.60	0.70	2.86	
	Temple Left Side Rd						
	CH: 0.00m to 30.00m	1	30.00	0.70	0.75	15.75	
	CH: 30.00m to 41.00m	1	11.00	0.70	0.75	5.78	
	Chowdeshwari						
	5th A Main Rd						
	CH: 0.00m to 30.00m	1	30.00	0.65	0.70	13.65	
	CH: 30.00m to 60.00m	1	30.00	0.65	0.70	13.65	
	CH: 60.00m to 90.00m	1	30.00	0.65	0.70	13.65	
	CH: 90.00m to 120.00m	1	30.00	0.65	0.70	13.65	
	CH: 120.00m to 150.00m	1	30.00	0.65	0.70	13.65	
	CH: 150.00m to 160.00m	1	10.00	0.65	0.70	4.55	
	5th Main Rd						
	CH: 0.00m to 30.00m	1	30.00	0.60	0.60	10.80	
	CH: 0.00m to 28.00m	1	28.00	0.60	0.60	10.08	
	Connecting						
	CH: 0.00m to 10.00m	1	10.00	0.60	0.65	3.90	

Contractor

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. D

Assistant Exec. Engineer

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	4th A Main Rd						
	CH: 0.00m to 30.00m	1	30.00	0.80	0.85	20.40	
	CH: 30.00m to 60.00m	1	30.00	0.80	0.85	20.40	
	CH: 60.00m to 90.00m	1	30.00	0.80	0.85	20.40	
	CH: 90.00m to 120.00m	1	30.00	0.80	0.85	20.40	
	CH: 120.00m to 150.00m	1	30.00	0.80	0.85	20.40	
	CH: 150.00m to 160.00m	1	10.00	0.80	0.85	6.80	
	Cross Rd-1						
	CH: 0.00m to 30.00m	1	30.00	0.60	0.65	11.70	
	CH: 30.00m to 60.00m	1	30.00	0.60	0.65	11.70	
	CH: 60.00m to 90.00m	1	30.00	0.60	0.65	11.70	
	CH: 90.00m to 120.00m	1	30.00	0.60	0.65	11.70	
	Doddbettahalli						
	Doddbettahalli Layout 7th Main						
	CH: 0.00m to 8.50m	1	8.50	0.80	0.85	5.78	
	CH: 8.50m to 38.50m	1	30.00	0.80	0.85	20.40	
	3rd Cross Rd						
	CH: 0.00m to 30.00m	1	30.00	0.80	0.85	20.40	
	CH: 30.00m to 60.00m	1	30.00	0.80	0.85	20.40	
	CH: 60.00m to 80.00m	1	20.00	0.80	0.85	13.60	
	Road-1						
	CH: 0.00m to 30.00m	1	30.00	0.70	0.75	15.75	
	Connecting Rd						
	CH: 0.00m to 30.00m	1	30.00	0.70	0.75	15.75	
	CH: 30.00m to 60.00m	1	30.00	0.70	0.75	15.75	
	CH: 60.00m to 85.00m	1	25.00	0.70	0.75	13.13	
	2nd Cross Rd						
	CH: 0.00m to 30.00m	1	30.00	0.80	0.85	20.40	
	CH: 30.00m to 45.00m	1	15.00	0.80	0.85	10.20	
	1st Cross Rd						
	CH: 0.00m to 30.00m	1	30.00	0.70	0.75	15.75	
	CH: 30.00m to 40.00m	1	10.00	0.70	0.75	5.25	
	Doddbettahalli Giridama Nagara Main Rd						
	CH: 0.00m to 30.00m	1	30.00	0.75	0.80	18.00	
	CH: 30.00m to 60.00m	1	30.00	0.75	0.80	18.00	
	CH: 60.00m to 90.00m	1	30.00	0.75	0.80	18.00	
	CH: 90.00m to 120.00m	1	30.00	0.75	0.80	18.00	
	CH: 120.00m to 150.00m	1	30.00	0.75	0.80	18.00	
	CH: 150.00m to 175.00m	1	25.00	0.75	0.80	15.00	
	Connecting						
	CH: 0.00m to 7.00m	1	7.00	0.70	0.80	3.92	
	BHEL Layout[10th Cross]						
	1st Main Rd						
	CH: 0.00m to 30.00m	1	30.00	0.70	0.75	15.75	
	CH: 30.00m to 60.00m	1	30.00	0.70	0.75	15.75	
	CH: 60.00m to 90.00m	1	30.00	0.70	0.75	15.75	
	CH: 90.00m to 105.00m	1	15.00	0.70	0.75	7.88	
	2nd Main Road						

Contractor

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Di
Assistant Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	CH: 0.00m to 30.00m	1	30.00	0.75	0.80	18.00	
	CH: 30.00m to 60.00m	1	30.00	0.75	0.80	18.00	
	CH: 60.00m to 90.00m	1	30.00	0.75	0.80	18.00	
	CH: 90.00m to 120.00m	1	30.00	0.75	0.80	18.00	
	CH: 120.00m to 150.00m	1	30.00	0.75	0.80	18.00	
	CH: 150.00m to 175.00m	1	25.00	0.75	0.80	15.00	
	Left Side Roads						
	1st Cross Road						
	CH: 0.00m to 26.10m	1	26.10	0.70	0.75	13.70	
	2nd Cross Road						
	CH: 0.00m to 18.50m	1	18.50	0.70	0.75	9.71	
	Right Side Roads						
	2nd Cross Road						
	CH: 0.00m to 30.00m	1	30.00	0.80	0.85	20.40	
	CH: 30.00m to 55.00m	1	25.00	0.80	0.85	17.00	
	3rd Cross Road						
	CH: 0.00m to 30.00m	1	30.00	0.70	0.75	15.75	
	CH: 30.00m to 47.00m	1	17.00	0.70	0.75	8.93	
	4th Cross Road						
	CH: 0.00m to 30.00m	1	30.00	0.70	0.75	15.75	
	CH: 30.00m to 48.00m	1	18.00	0.70	0.75	9.45	
	5th Cross Road						
	CH: 0.00m to 30.00m	1	30.00	0.70	0.70	14.70	
	CH: 30.00m to 36.00m	1	6.00	0.70	0.65	2.73	
	Vasukhi Layout						
	1st Main Rd						
	CH: 0.00m to 30.00m	1	30.00	0.75	0.80	18.00	
	CH: 30.00m to 60.00m	1	30.00	0.75	0.80	18.00	
	CH: 60.00m to 90.00m	1	30.00	0.75	0.80	18.00	
	CH: 90.00m to 115.00m	1	25.00	0.75	0.80	15.00	
	1st Cross Road						
	CH: 0.00m to 30.00m	1	30.00	0.60	0.65	11.70	
	CH: 30.00m to 39.00m	1	9.00	0.60	0.65	3.51	
	2nd Cross Road						
	CH: 0.00m to 30.00m	1	30.00	0.60	0.65	11.70	
	CH: 30.00m to 35.00m	1	5.00	0.60	0.65	1.95	
					Present Qty	**1528.22**	**Cum**

Asst. Executive Engineer
Yelahanka Sub. Divisor
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

Assistant Engineer

Assistant Exec. Engineer

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41

NAME OF WORK :-Drilling of borewells and providing water supply facilities to ward No 01,02,03 & 04.

Detailed Measurements 19-04-23

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
E1	Supplying, laying and jointing HDPE pipes of specified grade andconforming to IS 4984-2016 with latest ammendments and conveying to work site including loading and unloading at both destinations and rolling and lowering into trenches, laying true to line and jointing of pipes and specials with electrofusion welding, giving hydraulic test as per relevant ISS with all lead and lifts including encasing the pipe alround to a depth of not less than 15 cms. with soft gravel or selected earth availablefrom the excation, testing and commissioning. The rate is exclusive of required specials and fittings wherever necessary like saddle Tee, stub ends, flanged sets, bedns, reducers etc. complete (Contractor will make his own arrangements for procuring water for testing) etc. Note: Upto 110mm dia Coil shall be used.For Grade PE80 PN16.0 :(I NO-5.1, P no-123 BWSSB SR)						
	Chowdeshwari Temple Old Town						
	CH: 0.00m to 30.00m	1	30.00			30.00	
	CH: 30.00m to 60.00m	1	30.00			30.00	
	CH: 60.00m to 90.00m	1	30.00			30.00	
	CH: 90.00m to 120.00m	1	30.00			30.00	
	CH: 120.00m to 150.00m	1	30.00			30.00	
	CH: 150.00m to 180.00m	1	30.00			30.00	
	CH: 180.00m to 210.00m	1	30.00			30.00	
	CH: 210.00m to 240.00m	1	30.00			30.00	
	CH: 240.00m to 270.00m	1	30.00			30.00	
	CH: 270.00m to 300.00m	1	30.00			30.00	
	CH: 300.00m to 330.00m	1	30.00			30.00	
	CH: 330.00m to 360.00m	1	30.00			30.00	
	CH: 360.00m to 366.00m	1	6.00			6.00	
					Present Qty	**366.00**	**M**

Asst. Executive Engineer
Yelahanka Sub. Divisor
(BBMP Ynk. Zn)
Yelahanka, Bengalore

Contractor

Assistant Engineer

Assistant Exec. Engineer
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42

NAME OF WORK :-Drilling of borewells and providing water supply facilities to ward No 01,02,03 & 04.

Detailed Measurements 01-04-23, 19-04-23, 24-06-23

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
E2	Sinking of Borewell of 165mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burdern upto 20 m. Fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimumworking of compressor for one hour (Excluding cost of casing pipes,collars, cap etc., complete) and as per the directions of the Engineer-in-charge of the work 350.00-400.00M						
	350.00-400mtrs						
	For Bore Well						
	Ambha Bhavani Nagara 2nd Main	1	14.00			14.00	
	BHEL Layout 10th Cross	1	11.00			11.00	
	Baglur Cross Udayanagar	1	12.00			12.00	
	Chowdeshwari Temple	1	12.00			12.00	
	Doddbettahalli Giridama Nagara Main Rd	1	3.00			3.00	
	Doddbettahalli Layout 7th Main	1	9.00			9.00	
					Present Qty	**61.00**	**M**

Asst. Executive Engineer
Yelahanka Sub. Divisor
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

Assistant Engineer

Assistant Exec. Engineer

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬೃ.ಬೆಂ.ಮ.ಪಾ. ಬೆಂಗಳೂರು-106

NAME OF WORK :-Drilling of borewells and providing water supply facilities to ward No 01,02,03 & 04.

MEASUREMENT

"FIRST AND FINAL BILL"

NAME OF WORK :-Drilling of borewells and providing water supply facilities to ward No 01,02,03 & 04.

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1	Geophysical investigation at site for sinking borewells for supplying drinking water to the habitation either through the Hand Pump MWS or P.W.S.S, by vertical electrical sounding by adopting Venner or Schlumbergers's method, including econnaissance								
	Vide Premeasurement page no. 01					10.00			
	Present Qty					**10.00**	**Each BW**	**5929.37**	**59293.70**
2	Sinking of Borewell of 165mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burdern upto 20 m. Fixing of casing pipes, collars and cap with necessary cutting, threading and welding								
	Vide Premeasurement page no. 2-4					500.00			
	Present Qty					**500.00**	**Rmtr**	**334.47**	**167235.00**
3	50-100mtrs								
	Vide Premeasurement page no. 2-4					500.00			
	Present Qty					**500.00**	**Rmtr**	**419.82**	**209910.00**
4	100-150mtrs								
	Vide Premeasurement page no. 2-4					500.00			
	Present Qty					**500.00**	**Rmtr**	**446.35**	**223175.00**
5	150-200mtrs								
	Vide Premeasurement page no. 2-4					500.00			
	Present Qty					**500.00**	**Rmtr**	**517.85**	**258925.00**
6	200-250mtrs								
	Vide Premeasurement page no. 2-4					500.00			
	Present Qty					**500.00**	**Rmtr**	**607.82**	**303910.00**
7	250-300mtrs								
	Vide Premeasurement page no. 2-4					500.00			
	Present Qty					**500.00**	**Rmtr**	**643.57**	**321785.00**
8	300-350mtrs								
	Vide Premeasurement page no. 2-4					495.00			
	Present Qty					**495.00**	**Rmtr**	**715.08**	**353964.60**
9	Supply of ISI mark 175mm nominal bore,plain and steel casing pipe grade of steel Fe 410 of wall thickness conforming to IS 4270-2001 and latest ammendments, electrical resistance welded steel tubes, material and conforming to IS 1387-1993 and								
	Vide Premeasurement page no. 05					568.00			
	Present Qty					**568.00**	**Rmtr**	**2229.43**	**1266316.24**
10	PVC pipes of 10 Kg/cm2 for 200mm and as per the directions of the Engineer-in-charge of the work								
	Vide Premeasurement page no. 06					154.00			
	Present Qty					**154.00**	m		

Contractor

Asst.Engineer

Asst. Executive Engineer
Yelahanka Sub Div

Asst.Exec.Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Upto 125%					112.50	m	1393.46	156764.25
	Above 125%					41.50	m	1393.46	57828.59
11	Providing and laying at site of work MS casing caps as per IS 1239 (partII) 1982 with all latest amendments if any for any dia. The thickness of plate used for covering one end shall be 3mm (minimum). The dimensions of caps and colars shall be strictly as								
	Vide Premeasurement page no. 07					10.00			
	Present Qty					10.00	Each	189.15	1891.50
12	Fabricating supplying and mounting MS box of 16 SWG suitable for floor /wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable								
	Vide Premeasurement page no. 08					176000.00			
	Present Qty					176000.00	Sq.cm	0.40	70400.00
13	Supply and delivery at site wrought middle steel (galvanized) 50 mm dia GI Union confirming to IS 1239-II, 1991 with latest amendments if any and as per the directions of the Engineer-in-charge of the work								
	Vide Premeasurement page no. 09					8.00			
	Present Qty					8.00	Each	252.58	2020.64
14	Supply and delivery at site wrought middle steel (galvanized) 50 mm dia GI hexagonal nipple confirming to IS 1239-II, 1991 with latest amendments if any and as per the directions of the Engineer-in-charge of the work								
	Vide Premeasurement page no. 10					24.00			
	Present Qty					24.00	Each	201.84	4844.16
15	Supply and delivery at site wrought middle steel (galvanized) 50 mm dia GI elbow confirming to IS 1239-II, 1991 with latest amendments if any for and as per the directions of the Engineer-in-charge of the work								
	Vide Premeasurement page no. 11					24.00			
	Present Qty					24.00	Each	252.58	6061.92
16	Labour charges for Erection, Electrification and commissioning of Pump sets, including aligning and balancing of all items including supply and erection of two pair of supporting clamps, bore well caps, cable clips and water tight gland cable								
	Vide Premeasurement page no. 12					8.00			
	Present Qty					8.00	Job	7093.10	56744.80
17	Labour charges for erection of outdoor type panel board and meter boardunits with all necessary materials and labour, tools and equipments including providing cement concrete foundation bed etc., complete as per specification, with testing of as per								
	Vide Premeasurement page no. 13					8.00			
	Present Qty					8.00	Job	1557.02	12456.16
18	Supplying of 1.1KV LT UG cable XPLE or heat resistant PVC Insulated PVC eatruded inner sheath armoured UG LT cable as per IS -1554(Part-1) or IS-7098 Part-1,Armouring strip thickness in average +5% and resistivity 14ohms/kms(max) as per								
	Vide Premeasurement page no. 14					333.00			
	Present Qty					333.00	Rmtr	157.28	52374.24

Contractor

Asst.Engineer

Ramesajcarail
Asst. Executive Engineer

Asst.Exec.Engineer
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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬ.ಡಿ.ಎ. ಬೆಂಗಳೂರು-106

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
19	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe/ stone pipe / on wall/ on pole as required 6 sqmm to 16 sqmm and as per the directions of the Engineer-in-charge of the work								
	Vide Premeasurement page no. 15					333.00			
	Present Qty					333.00	Rmtr	12.46	4149.18
20	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete cutting road surfaces and as per the directions of the Engineer-in-charge of the work								
	Vide Premeasurement page no. 16					324.00			
	Present Qty					324.00	Mtr	85.98	27857.52
21	Supplying and fixing of class A GI pipe on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class 40mm and as per the directions of the Engineer-in-charge of the work								
	Vide Premeasurement page no. 17					32.00			
	Present Qty					32.00	Mtr	351.25	11240.00
22	Earthing: Supplying and fixing and wiring earth electrode for grounding circuits IC cutouts and other equipments on the meter board in the pit. The pits should be filled up with equal proportion of salt and charcoal 150mm around the pipe to complete depth.								
	Vide Premeasurement page no. 18					8.00			
	Present Qty					8.00	Job	4325.06	34600.48
23	Providing,Supplying and fixing suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps,bolts,nuts and washers etc. with necessary materials and labour tools and equipments as per								
	Vide Premeasurement page no. 19					8.00			
	Present Qty					8.00	Each	593.98	4751.84
24	Supply and fixing polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws 20" x 20" x 2.5" and as per the directions of the								
	Vide Premeasurement page no. 20					8.00			
	Present Qty					8.00	Nos	330.28	2642.24
25	Providing,supplying to work site, Submersible Pump Set of 150mm dia suitable for bore well and confirming to IS 8034-2000;3Phase, SS Bowl & Impeller with Low volt Motor as per specifications,as per necessary ammendments and instructions of								
	Vide Premeasurement page no. 21					8.00			
	Present Qty					8.00	Each	82792.71	662341.68
26	Supply and delivery of galvanized mild steel tubes of 6mtr standard length heavy duty (C Class) as per IS 1239 (Part-I) 1990 with latest amendments with ISI Mark (one end fitted with Heavy Duty collar and other end fitted with protective cover) and as per the								
	Vide Premeasurement page no. 22					342.00			
	Present Qty					342.00	Each	3517.72	1203060.24
27	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper with low resistance conductor confirming to13:8130-1984 and virgin grade PVC insulation and powder								

Contractor

Asst.Engineer

Asst. Executive Engineer
Yelahanka Sub-Divisor

Asst.Exec.Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Vide Premeasurement page no. 23 - 25					4836.00			
	Present Qty					4836.00	Mtr	253.74	1227086.64
28	Supplying fully automatic star-delta starter unit push button type with suitable wires, 3 contactors, one adjustable thermal timer mounted on a common base plate held in steel enclosure for use on 400/440 V 3 phase and wired after fixing to the existing								
	Vide Premeasurement page no. 26					8.00			
	Present Qty					8.00	Nos	9059.04	72472.32
29	Supply and delivery at site of brand new best make gate valve as per IS 778/1984 with ISI Mark and as per its latest amendments Size 50 mm and as per the directions of the Engineer-in-charge of the work								
	Vide Premeasurement page no. 27					8.00			
	Present Qty					8.00	Each	1441.69	11533.52
30	Supply and delivery at site of brand new best make non-return valve as per IS 778/1984 with ISI Mark and as per its latest amendments Size 50 mm and as per the directions of the Engineer-in-charge of the work								
	Vide Premeasurement page no. 28					8.00			
	Present Qty					8.00	Each	1470.52	11764.16
32	Earth work excavation for pipelines/cables by Manual means upto 600 mm trench width, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter,								
	Vide Premeasurement page no. 29 - 32					1528.22			
	Present Qty					1528.22	Cum	542.07	828401.94
33	Providing and installing at site of work 6 Kg/m2: 63mm(weight of pipe -0.662 kg) P.V.C. pipes including cost of pipes and specials and labour, including lowering into trenches, laying true to line, level and perfect linking at joints leak proof including								
	Vide Premeasurement page no. 33 - 36					2911.00			
	Present Qty					2911.00	mtr	176.46	513675.06
34	Refilling available earth around trenches/pipelines, cables in layers not exceeding 20 cms in depth, compacting each deposited layer by ramming after watering with a lead upto 50 m , and lift upto 1.5 m. Including cost of all labour complete as per								
	Vide Premeasurement page no. 37 - 40					1528.22			
	Present Qty					1528.22	Cum	140.71	215035.77
E1	Supplying, laying and jointing HDPE pipes of specified grade andconforming to IS 4984-2016 with latest ammendments and conveying to work site including loading and unloading at both destinations and rolling and lowering into trenches, laying true to line and jointing of pipes and specials with electrofusion welding, giving hydraulic test as per relevant ISS with all lead and lifts including encasing the pipe alround to a depth of not less than 15 cms. with soft gravel or selected earth availablefrom the excation, testing and commissioning. The rate is exclusive of required specials and fittings wherever necessary like saddle Tee, stub ends, flanged sets, bedns, reducers								
	Vide Premeasurement page no. 41					366.00			
	Present Qty					366.00	M	275.78	100936.25

Contractor

Asst.Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelaranka, Bangalore
Asst.Exec.Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
E2	Sinking of Borewell of 165mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burdern upto 20 m. Fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimumworking of compressor for one hour (Excluding cost of casing pipes,collars, cap etc., complete) and as per the directions of the Engineer-in-charge of the work 350.00-400.00M								
	Vide Premeasurement page no. 42					61.00			
					Present Qty	**61.00**	**M**	**804.27**	**49060.37**

Ramanjaneya...

Asst. Executive Engineer
Yelahanka Sub. Divisor
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

Asst.Engineer

Asst.Exec.Engineer
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ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

NAME OF WORK :-Drilling of borewells and providing water supply facilities to ward No 01,02,03 & 04.

Detailed Measurements 20-07-2023

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
31	Supply and delivery at site delivery of best indigenous brand new MCB (Miniature Circuit Breakers) of required capacity as per IS 88228/1978 and its latest amendments and with ISI Mark of 6/10/16/20/25/40 Amps with scalable box. and as per the directions of the Engineer-in-charge of the work.per 3 Poles								
	For Bore Well								
	Vasuki Layout[Sambram College]	1				1.00			
	BHEL Layout 10th Cross	1				1.00			
	Baglur Cross Udayanagar	1				1.00			
	Chowdeshwari Temple	1				1.00			
	Srinivashpura[Bande Maramma Temple]	1				1.00			
	Doddbettahalli Giridama Nagara	1				1.00			
	Doddbettahalli Layout 7th Main	1				1.00			
	Old Town BBMP Office Near Panduranga Temple	1				1.00			
	Present Qty					**8.00**	**EACH**	**1441.69**	**11533.52**
							Sub Total	**8718043.53**	
							GST 18%	**1544047.83**	
							Grand Total	**10262091.36**	

Asst. Executive Engineer
Yelahanka Sub. Divisor
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

Assistant Engineer

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು Exe. Engineer
ಯಲಹಂಕ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

BRUHAT BANGALORE MAHANAGARA PALIKE		Drilling of borewells and providing water supply facilities to ward No 01,02,03 & 04.

Asst. Executive Engineer
Yelahanka Sub. Divisor
(BBMP Ynk. Zn)
Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE					Drilling of borewells and providing water supply facilities to ward No 01,02,03 & 04.	

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE					Drilling of borewells and providing water supply facilities to ward No 01,02,03 & 04.	

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...UHAT BANGALORE ...NAGARA PALIKE					Drilling of borewells and providing water supply facilities to ward No 01,02,03 & 04.

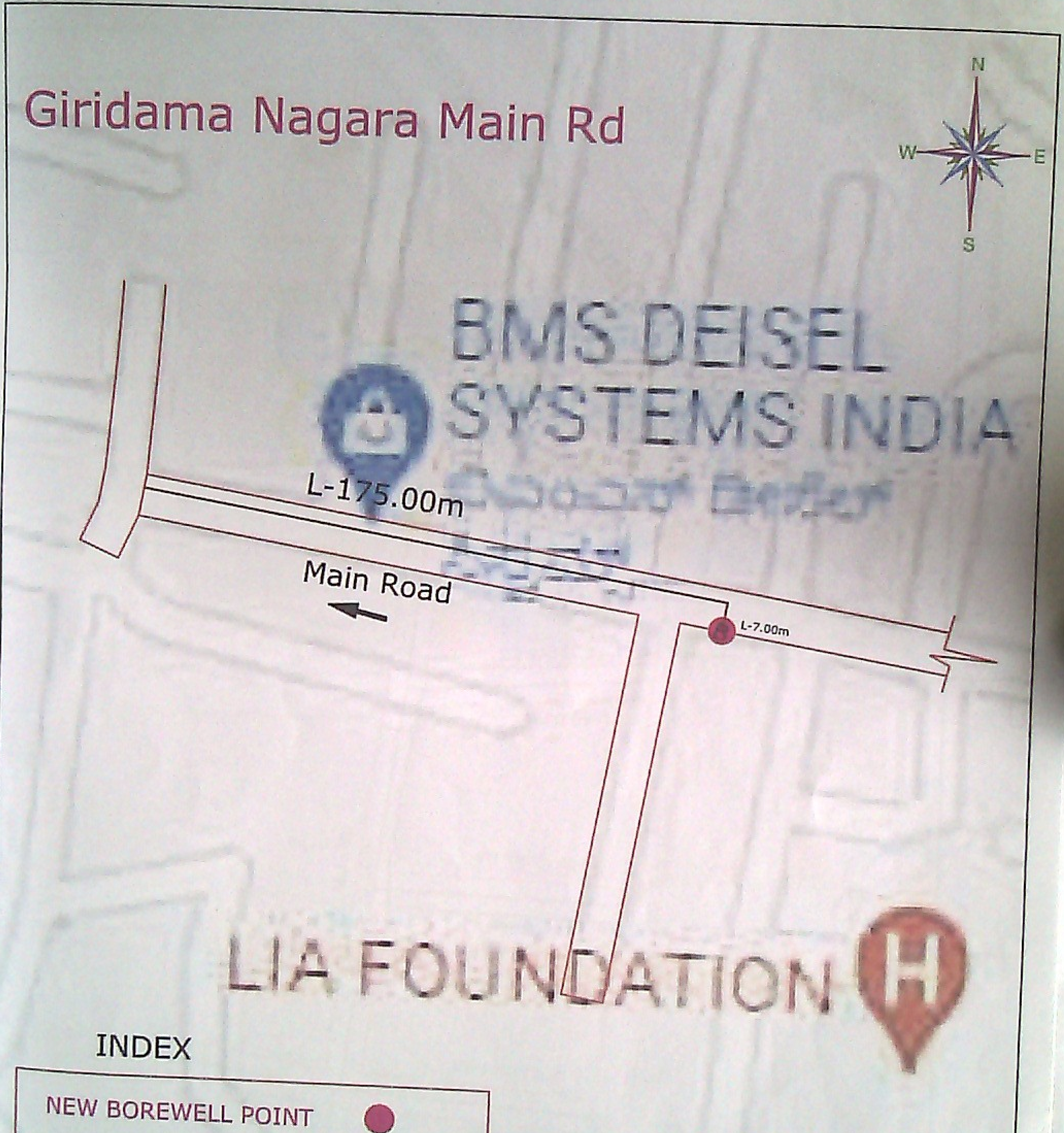
Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE					Drilling of borewells and providing water supply facilities to ward No 01,02,03 & 04.	

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE					Drilling of borewells and providing water supply facilities to ward No 01,02,03 & 04.	

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore



BRUHAT BANGALORE MAHANAGARA PALIKE					Drilling of borewells and providing water supply facilities to ward No 01,02,03 & 04.	

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ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

BRUHAT BANGALORE MAHANAGARA PALIKE

Drilling of borewells and providing water supply facilities to ward No 01,02,03 & 04.

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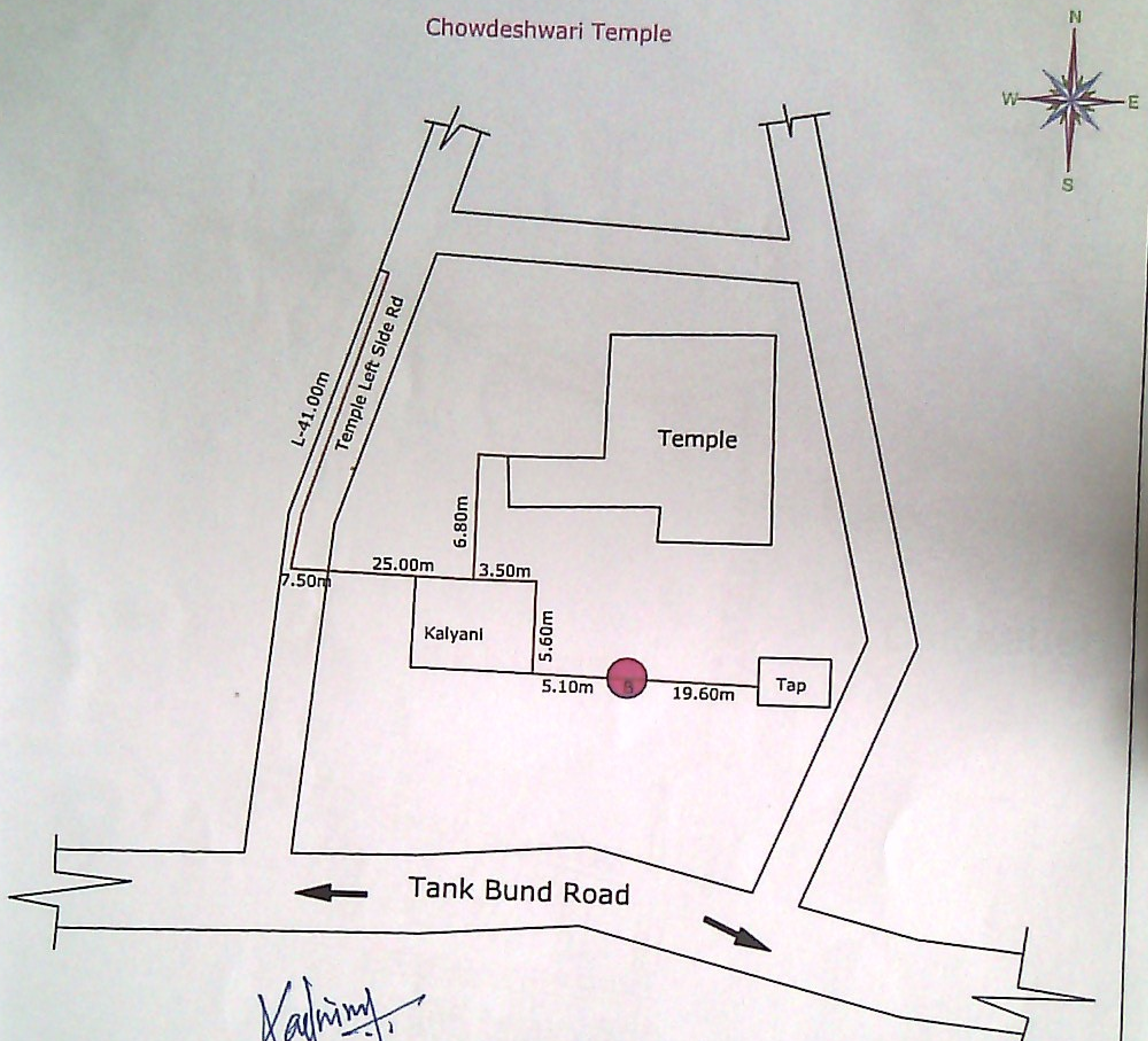

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NEW BOREWELL POINT	●
PIPELINE	▭

Asst. Executive Engineer
Yelahanka Sub. Divisor
(BBMP Ynk. Zn)
Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE					Drilling of borewells and providing water supply facilities to ward No 01,02,03 & 04.

BRUHAT BANGALORE MAHANAGARA PALIKE

Drilling of borewells and providing water supply facilities to ward No 01,02,03 & 04.

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